

**IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF MASSACHUSETTS**

ALLIANCE FOR AUTOMOTIVE  
INNOVATION

Plaintiff,

vs.

MAURA HEALEY, ATTORNEY GENERAL  
OF THE COMMONWEALTH OF  
MASSACHUSETTS in her official capacity,

Defendant.

C.A. No. 1:20-cv-12090-DPW

**PLAINTIFF’S AMENDED EXHIBIT LIST**

Pursuant to the Court’s guidance at the Final Pretrial Conference on June 7, 2021, Plaintiff Alliance for Automotive Innovation (“Auto Innovators” or “Plaintiff”) respectfully submits the amended list of exhibits it may seek to introduce into evidence at trial. This list does not include exhibits Auto Innovators plans to use solely for impeachment. Auto Innovators reserves the right to supplement its exhibit list prior to trial.

Exhibits 1-12 are joint exhibits, meaning they were designated as exhibits by both Auto Innovators and the Attorney General, and to which no party objects to the admission in evidence.

The parties engaged in meaningful meet and confer discussions and resolved several of the outstanding objections regarding the exhibits being offered by direct testimony. Certain exhibits previously listed were removed or alternatively the objections were dropped and those exhibits have been given numbers. Exhibits 13-58 are exhibits designated by Auto Innovators, and to which the Attorney General has indicated she does not object to the admission in evidence.

Certain of Plaintiff’s Exhibits (“PL’s”) N through CF are exhibits designated by Auto Innovators to which the Attorney General has reserved the right to object. The far right column

of the chart below sets forth the Attorney General's asserted grounds for her objection(s) to each such exhibit. The Attorney General has provided the following codes for her objections:

- H – hearsay
- F – foundation
- R – relevance
- 403 – Rule 403
- C – completeness
- NE – not evidence
- 602 - Rule 602
- 701 – Rule 701

Ex. No.	Dep. Ex. No.	Conf. Design .	Bates Nos.	Date	Description	AG Objection (s)
1	78		AAI-AAI-0002635-2641	1/15/2014	2014 MOU between AAIA, CARE, Alliance, and Global Automakers	None
2	50	Conf.	AAI-GM-0000008 (native, 8 pages)	N/A	Slides re Vehicle & Vehicle Services Cybersecurity DLC Protection for Global A	None
3	72		N/A	2016	Cybersecurity Best Practices for Modern Vehicles (NHTSA)	None
4	81		AAI-AAI-0007281-7282	9/18/2017	Letter from SAE International to multiple recipients	None
5	55	Conf.	AAI-GM-0000030--32	4/1/2018	Data Link Connector Policy	None
6	38	Conf.	AAI-GM-0001192 (native, 43 pages)	7/20/2019	Slides re Global Cybersecurity NHTSA Meeting July 2019	None
7	58	Highly Conf.	AAI-GM-0001422-1511	various	CAN 1 4987/4986 Bus Topology Documents	None
8	2	Conf.	AAI-FCA-0011090-11094 and 11095 (native Excel)	6/29/2020	Diagnostic Services Secure Access Rights Supporting Document and Spreadsheet	None

Ex. No.	Dep. Ex. No.	Conf. Design .	Bates Nos.	Date	Description	AG Objection (s)
9	4	Highly Conf.	AAI-FCA-0011200 (native, 28 pages)	10/1/2020	FCA Global Vehicle Cybersecurity Rollout	None
10			N/A	1/12/2021	<i>Request for Comments on NHTSA's Cybersecurity Best Practices for the Safety of Motor Vehicles Draft 2020 Update</i> , 86 Fed. Reg. 2481, 2481 (Jan. 12, 2021)	None
11	52	Highly Conf.	AAI-GM-0001585-1617	N/A	Global A Serial Data Architecture, Version 7.4.3 et seq.	None
12	158	Highly Conf.	AAI-GM-0001687	N/A	Slides re Onstar Telematics Architecture Security et seq.	None
13	5		AAI-FCA-0010998-11004	8/4/2015	Part 573 Safety Recall Report	None
14	36		AAI-AAI-0007279-7280	7/31/2017	Letter from Auto Alliance/Global Automakers to Bill Hanvey and Ray Pohlman	None
15	70	Conf.	AAI-GM-0001065 (native, 23 pages)	5/2020	Slides re Global Cybersecurity NHTSA Meeting May 2020	None
16	95	Conf.	AAI-GM-0000035	8/16/2018	GM Product Cybersecurity Defense-in-Depth	None
17	99	Conf.	AAI-GM-0000029	3/17/2018	GM Policy on 3rd Party Aftermarket DLC Devices	None
18	122	Conf.	GP0000016-19	11/23/2020	Email from Joe Register to multiple recipients re Massachusetts Data Law Legal Challenge Materials	None
19	125		N/A	4/1/2021	Defendant's Second Amended Initial Disclosures	None
20	136	Conf.	AAI-ACA-0025198-25201	3/17/2021	Email from Aaron Lowe to Joe Register re Information SDRM	None
21	152	Conf.	AAI-ACA-0011612	2/13/2020	Email from Brian Romansky to Aaron Lowe re Boston Legislative Briefing	None

Ex. No.	Dep. Ex. No.	Conf. Design.	Bates Nos.	Date	Description	AG Objection (s)
22	153	Conf.	AAI-ACA-0014716-14718 and attachment (total 31 pages)	7/23/2020	Email from Quinlan Brennan to Aaron Lowe re NHTSA Slides	None
23		Conf.	AAI-FCA-0011205-208	3/27/2021	Email from Alison Rodney to herself re Massachusetts Telematics Ballot Initiative with attached slides	None
24			N/A	2020	NHTSA, Cybersecurity Best Practices for the Safety of Modern Vehicles Draft 2020 Update (2020) <a href="https://www.nhtsa.gov/sites/nhtsa.gov/files/documents/vehicle_cybersecurity_best_practices_01072021.pdf">https://www.nhtsa.gov/sites/nhtsa.gov/files/documents/vehicle_cybersecurity_best_practices_01072021.pdf</a>	None
25			N/A	3/22/2021	Defendant's Response to Pl.'s First Request for Admission	None
26			N/A	4/26/2021	Defendant's Supplemental Responses to First Requests for Admission	None
27			N/A	4/30/2021	Defendant's Second Supplemental Responses to First Requests for Admission	None
28			N/A	3/22/2021	Defendant's Response to Plaintiff's First Set of Interrogatories	None
29			N/A	4/26/2021	Defendant's Supplemental Response to First Set of Interrogatories	None
30			N/A	4/30/2021	Defendant's Second Supplemental Response to First Set of Interrogatories	None
31			N/A	5/7/2021	Defendant's Responses to Pl.'s Second Set of Interrogatories	None
32			N/A	2/24/2021	Defendant's Response to Pl.'s First Requests for Production	None

Ex. No.	Dep. Ex. No.	Conf. Design .	Bates Nos.	Date	Description	AG Objection (s)
33			N/A	5/7/2021	Defendant's Responses to Pl.'s Second Set of Requests for Production	None
34			N/A	N/A	Daniel Garrie <i>curriculum vitae</i>	None
35			N/A	N/A	Bryson Bort <i>curriculum vitae</i>	None
36	41	Conf.	AAI-GM-0000022-24	9/15/2016	Product Cybersecurity Policy for Secure Development Lifecycle	None
37			N/A	2020	NHTSA, 2020 Recall Annual Report, <a href="https://www.nhtsa.gov/sites/nhtsa.gov/files/documents/2020_nhtsa_recall_annual_report_021021-tag.pdf">https://www.nhtsa.gov/sites/nhtsa.gov/files/documents/2020_nhtsa_recall_annual_report_021021-tag.pdf</a> (last accessed May 18, 2021).	None
38		Conf.	AAI-GM-0000056	7/16/2019	Slides re NHTSA Cybersecurity Meeting	None
39		Conf.	AAI-GM-0000011	9/8/2015	Slides re Vehicle Cybersecurity Overview	None
40		Conf.	AAI-GM-0000013	3/14/2016	Slides re Message Authentication GFL Overview	None
41		Conf.	AAI-GM-0001567	8/7/2019	Slides re Electrical Architecture and Global A_Global B Security	None
42	39	Conf.	AAI-GM-0000028 (native, 22 pages)	11/20/2017	Slides re Product Cybersecurity Overview -- Cybersecurity Risk Committee	None
43		Conf.	AAI-GM-0000201	2/13/2021	Slides re Secure Programming and Secure Boot	None
44	40	Conf.	AAI-GM-0000014-16	1/28/2016	GM Vehicle Cybersecurity Guidelines	None
45	53	Conf.	AAI-GM-0000012 (native, 5 pages)	N/A	Slides re Current Vehicle Data Control Points	None
46	56	Conf.	AAI-GM-0000053 (native, 1 page)	N/A	Data Access & Device Support for Data Link Connector (DLC/OBDII)	None

Ex. No.	Dep. Ex. No.	Conf. Design .	Bates Nos.	Date	Description	AG Objection (s)
					Port -- GM Electrical Architectures	
47		Conf.	AAI-FCA-0010921-28	10/18/2017	Global Vehicle Cyber Security: Vehicle Network Segmentation and Separation (Level 3)	None
48		Conf.	AAI-FCA-0010994	8/11/2015	FCA US LLC Chronology Select 2015 Vehicles, RA3/4 Improved Security Protection	None
49			AAI-FCA-0010995-97	9/25/2015	Part 573 Safety Recall Report	None
50		Conf.	AAI-FCA-0010935-39	11/8/2017	Global Vehicle Cyber Security: Authenticated In-Vehicle Messages (Level 5)	None
51		Highly Conf.	AAI-FCA-0011194 (native Excel)	N/A	Threat Analysis and Risk Assessment and Spreadsheet	None
52	106	Conf.	AAI-GM-0000002 (native, 6 pages)	N/A	Slides re Cybersecurity Strategy Global A et seq.	None
53	47	Conf.	AAI-GM-0000187 (native, 17 pages)	N/A	Slides re Secure Diagnostics & Secure Unlock	None
54	57	Conf.	AAI-GM-0000190	N/A	Global B Electrical Architecture Overview	None
55	59	Highly Conf.	AAI-GM-0001512-1541	various	Technical documents	None
56	98	Conf.	AAI-GM 0000009	N/A	3.2.1.2.5.8 Vehicle Cybersecurity	None
57		Conf.	AAI-FCA-0011005-53	11/5/2015	Brought In Mobile Device Security Requirements and Assessment Procedures	None
58		Conf.	AAI-FCA-0011054-89	11/5/2015	SDP Security Specification - v1.0	None
PL's N		Highly Conf.	AAI-FCA-0011196-99	12/1/2020	Document re ISO vs FCA	F, H
PL's P		Conf.	AAI-FCA-0010935-39	11/8/2017	Global Vehicle Cyber Security: Authenticated In-Vehicle Messages (Level 5)	F, H

Ex. No.	Dep. Ex. No.	Conf. Design .	Bates Nos.	Date	Description	AG Objection (s)
PL's S			N/A	7/20/2020	July 20, 2020 Letter from James C. Owens to the National Highway Traffic Safety Administration, <a href="#">nhtsa_testimony_in_response_to_ma_committee_letter_july_20_2020.pdf</a> .	F, H, 403, 602, 701
PL's T	139	Conf.	AAI-ACA-0001427-1566	11/2020	Email from Bill Hanvey to Taylor Mitchell re Business Plan Artifacts with attachments	F, H, R
PL's U	149		N/A	N/A	Using Connected Vehicle Technologies to Solve Real-World Operational Problems	F, H, R
PL's AE	143	Conf.	AAI-ACA-0038562-38585	1/4/2021	Email from Bill Hanvey to multiple recipients re Mass Right to Repair Implementation 1/2/2021	F, H, R, 403
PL's AL		Conf.	AAI-ACA-0016261-69	8/31/2020	Email from Rob Gray to Aaron Lowe re Next TV and radio script with attachments	F, R, H
PL's AO	133	Conf.	AAI-ACA-0001650-1660	6/22/2015	Email from Aaron Lowe to Bill Long re ACA Telematics White Paper Questions	H
PL's AP	135	Conf.	AAI-ACA-0011762	3/6/2020	Email from Aaron Lowe to Joe Register and others re NHTSA Meeting	H
PL's AQ	137	Conf.	AAI-ACA-0014013-14014	6/12/2020	Email from Aaron Lowe to Paul Fiore and Gabrielle Hopkins re NHTSA Call	H
PL's AR	138	Conf.	AAI-ACA-0014856	7/24/2020	Email from Aaron Lowe to Ray Pohlman re NHTSA	H, C
PL's AX	112		N/A	4/16/2021	Greg Potter's Response to Subpoena to Produce Documents, Information, or Objects	H, R
PL's AY	150		N/A	N/A	Tampa (THEA) Connected vehicle Pilots Works with the Infrastructure Integrator to improve Vehicle to Infrastructure (V2I)	H, R

Ex. No.	Dep. Ex. No.	Conf. Design .	Bates Nos.	Date	Description	AG Objection (s)
					Connected Vehicle (CV) Applications	
PL's AZ	142	Conf.	AAI-ACA-0035131 and native attachments (32 pages)	11/18/2020	Email from Joe Register to multiple recipients re Today's Presentation & Business Model	H, R, 403
PL's BA	144	Conf.	AAI-ACA-0039639 and native attachments (102 pages)	1/7/2021	Email from Joe Register to multiple recipients re OPCO business and financials	H, R, 403
PL's BB	13		N/A	N/A	An Initiative Law to Enhance, Update and Protect the 2013 Motor Vehicle Right to Repair Law	NE
PL's BC	130		N/A	N/A	2013 Right to Repair Law	NE
PL's BD			Ballot Initiative, Question 1	N/A	Ballot Initiative, Question 1	NE
PL's BE			N/A	N/A	85 Fed. Reg. 83143	NE
PL's BF			N/A	N/A	NHTSA, Enforcement Guidance Bulletin, 81 Fed. Reg. 65705 (Sept. 23, 2016)	NE
PL's BG	77		AAI-AAI-0002613-2634	9/20/2002	Letter to the Honorable Byron Dorgan and other letters	R
PL's BH	111	Conf.	AAI-ACA-0009173-4	6/11/2019	Email from Greg Potter to Aaron Lowe re ETI Massachusetts Legislative Call	R
PL's BJ	120	Conf.	GP0000192-194	7/15/2020	Email from Aaron Lowe to Greg Potter re CAR and CARE	R
PL's BK	123	Conf.	GP0000014-15	12/3/2020	Email from Aaron Lowe to Greg Potter re Mass R2R	R
PL's BL	129		COMM-AAI-000320	2/16/2021	Letter from AG to MA Right to Repair Committee	R
PL's BM	134	Conf.	AAI-ACA-0007270-7273	7/9/2018	Email from Aaron Lowe to Brian Hickey and Ray Pohlman re Bill Language	R



Ex. No.	Dep. Ex. No.	Conf. Design .	Bates Nos.	Date	Description	AG Objection (s)
PL's BN	141	Conf.	AAI-ACA-0026404-26418	4/24/2019	Email from Taylor Mitchell to Joe Register re Materials for Auto Care Finance Committee Meeting 4/24/2019	R
PL's BP		Conf.	AAI-ACA-0000581-82	5/7/2020	Email from Aaron Lowe to Trey Cook and Tommy Hickey re Massachusetts TV Ad with attachments	R
PL's BQ	96	Conf.	AAI-GM-0000025	N/A	Product Cybersecurity: 101	R, 403
PL's BR	97	Conf.	AAI-GM-0000038	11/2/2018	Global B Risk Assessment -- Cybersecurity	R, 403
PL's BT	107	Conf.	AAI-GM-0000019 (native, 3 pages)	N/A	Slides re Introduction Connected Vehicle Attack Surface et seq.	R, 403
PL's BU	108	Conf.	AAI-GM-0000026 (native, 25 pages)	3/24/2017	Slides re General Motors Product Cybersecurity NHTSA Overview	R, 403
PL's BV	109	Conf.	AAI-GM-0000052 (native, 1 page)	N/A	Electrical Architecture Cybersecurity Capability vs Lifecycle	R, 403
PL's CB		Conf.	AAI-ACA-0000455-60	3/11/2020	Email with attachments dated Mar. 11, 2020 from Greg Henslee to Ray Pohlman, cc'ing Bill Hanvey, Aaron Lowe from ACA re advertisements	R, H
PL's CC			N/A	5/31/2020	Massachusetts Right to Repair Committee TV Advertisement Video ( <a href="https://www.youtube.com/watch?v=hQQbzEtlaq0">https://www.youtube.com/watch?v=hQQbzEtlaq0</a> )	R, H
PL's CD			N/A	10/2/2020	Massachusetts Right to Repair Committee TV Advertisement Video ( <a href="https://www.youtube.com/watch?v=DszGbK1lkxo">https://www.youtube.com/watch?v=DszGbK1lkxo</a> )	R, H
PL's CE			N/A	9/16/2020	Massachusetts Right to Repair Committee TV Advertisement Video	R, H

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					( <a href="https://www.youtube.com/watch?v=DBTbZpNRzIg">https://www.youtube.com/watch?v=DBTbZpNRzIg</a> )	
PL's CF					OCPF Ballot Question Committee Reports	F, H, R

Dated: June 9, 2021

Respectfully submitted,

PLAINTIFF ALLIANCE FOR  
AUTOMOTIVE INNOVATION

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**CERTIFICATE OF SERVICE**

I hereby certify that this document, filed through the ECF system, will be sent electronically to the registered participants as identified on the Notice of Electronic Filing (NEF) and that paper copies will be sent to those indicated as non-registered participants on June 9, 2021.

/s/ Laurence A. Schoen

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